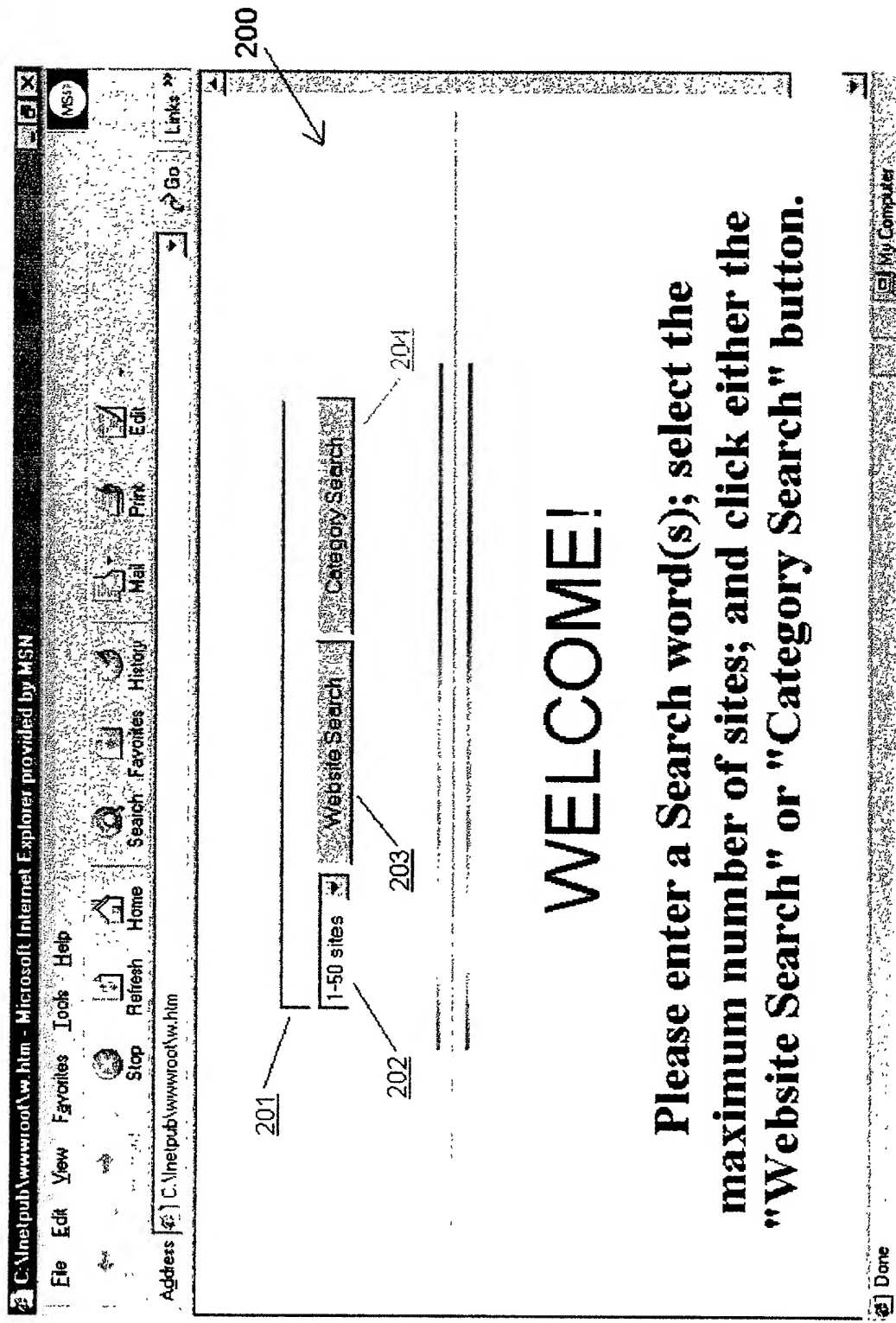


Fig. 1



**Please enter a Search word(s); select the maximum number of sites; and click either the "Website Search" or "Category Search" button.**

**Fig. 2**

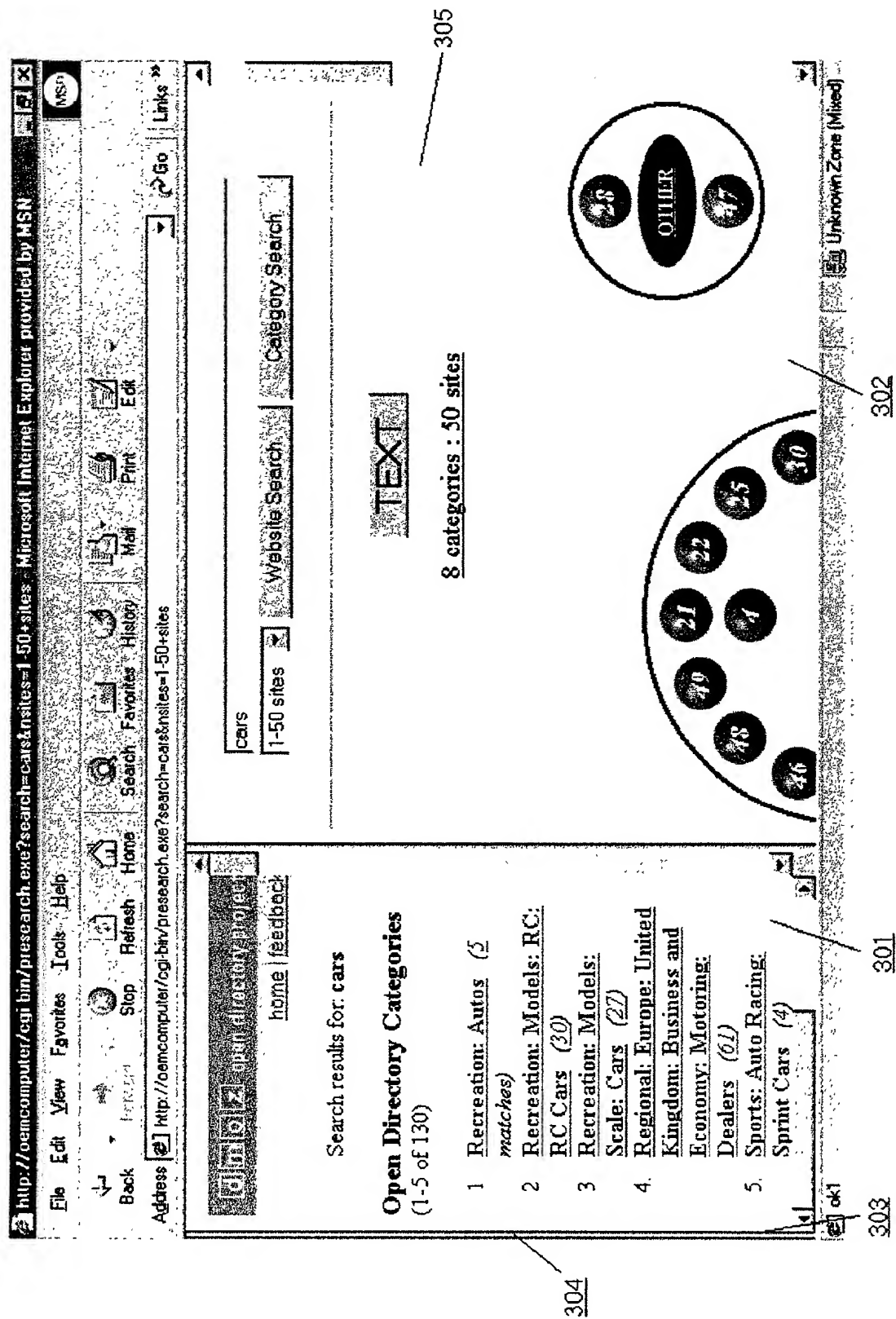


Fig. 3

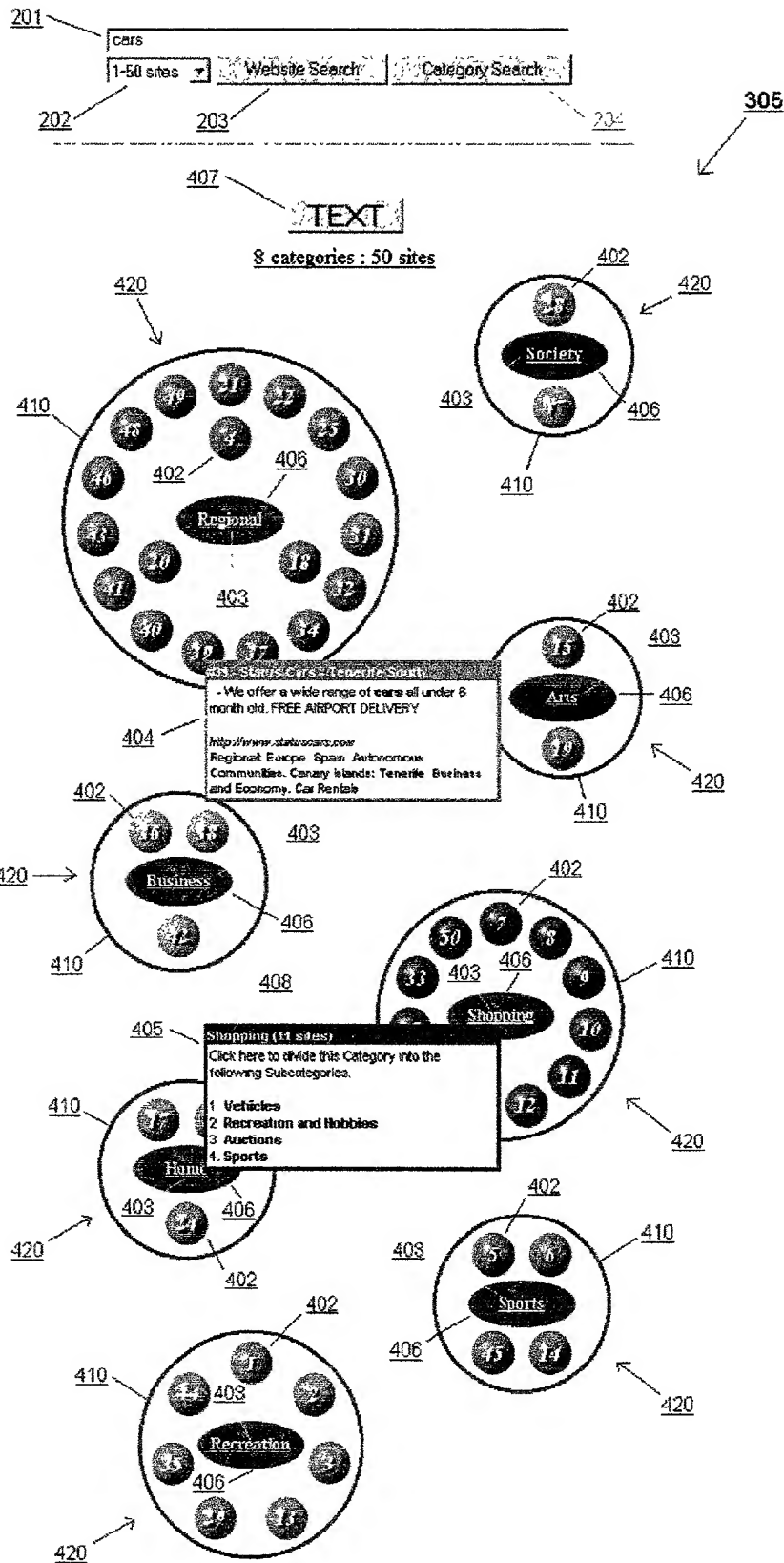


Fig. 4

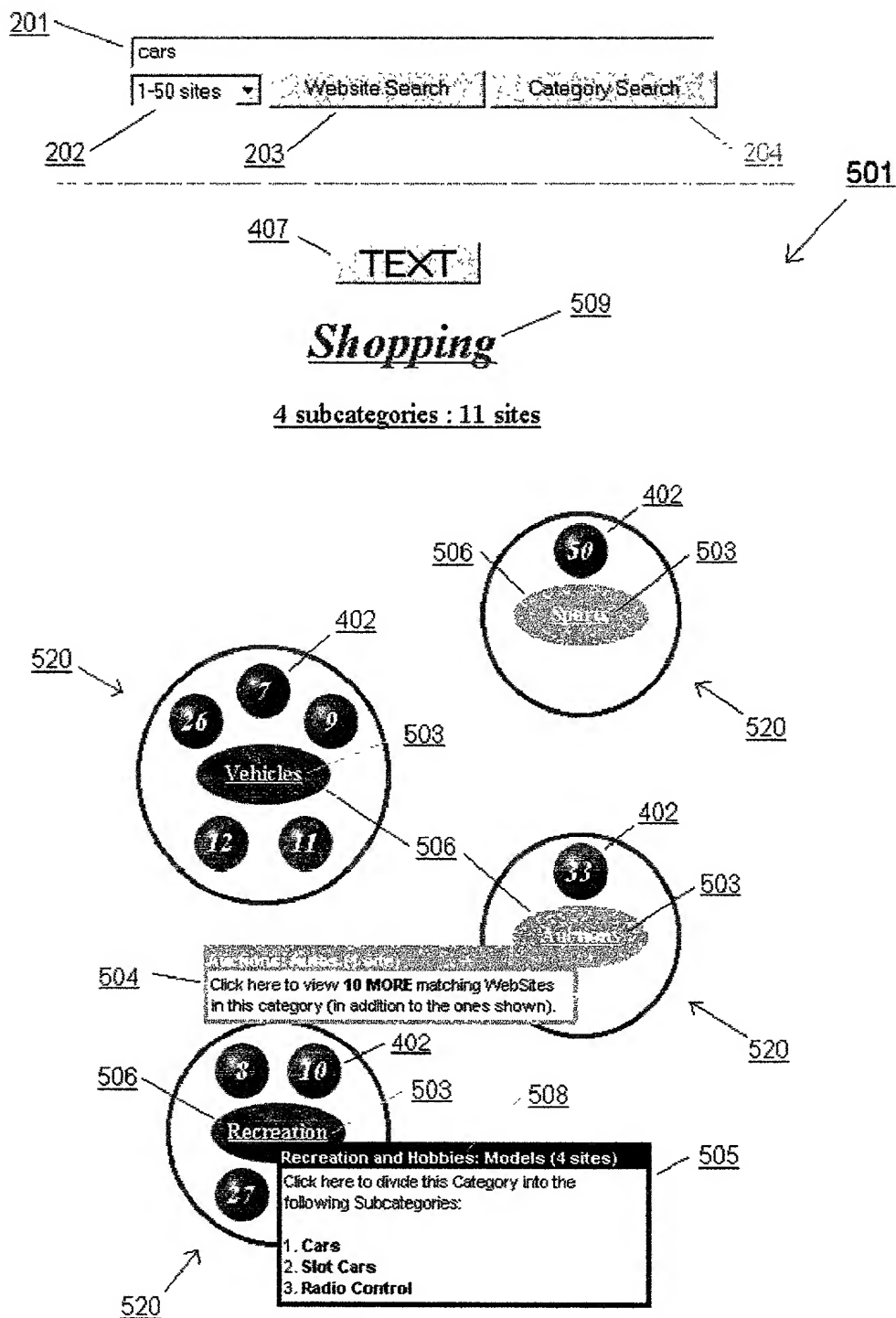
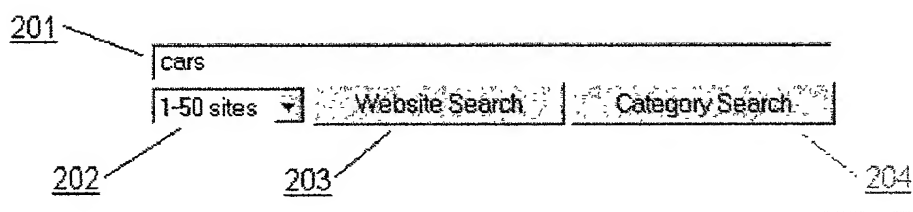


Fig. 5



407  
TEXT

509

## *Shopping: Recreation and Hobbies:* *Models*

601

3 subcategories : 4 sites

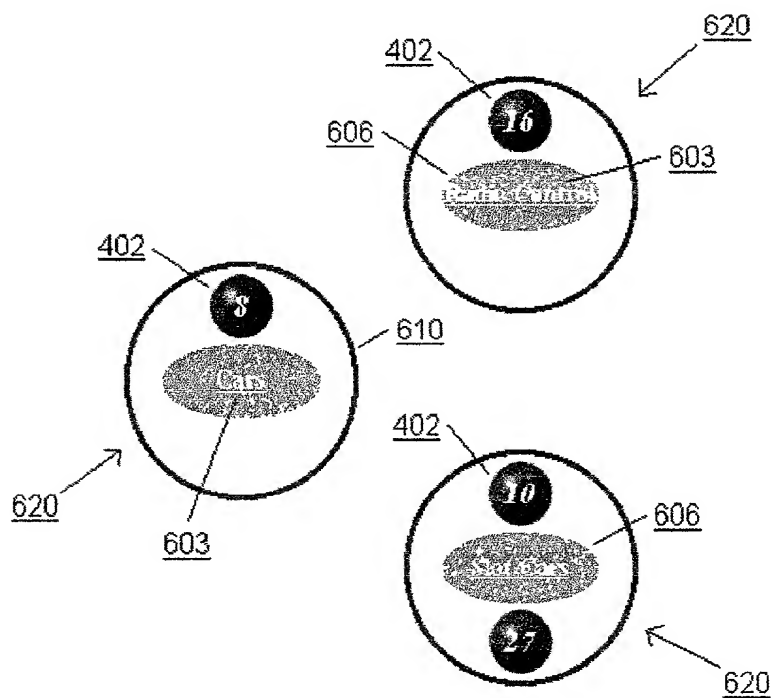


Fig. 6

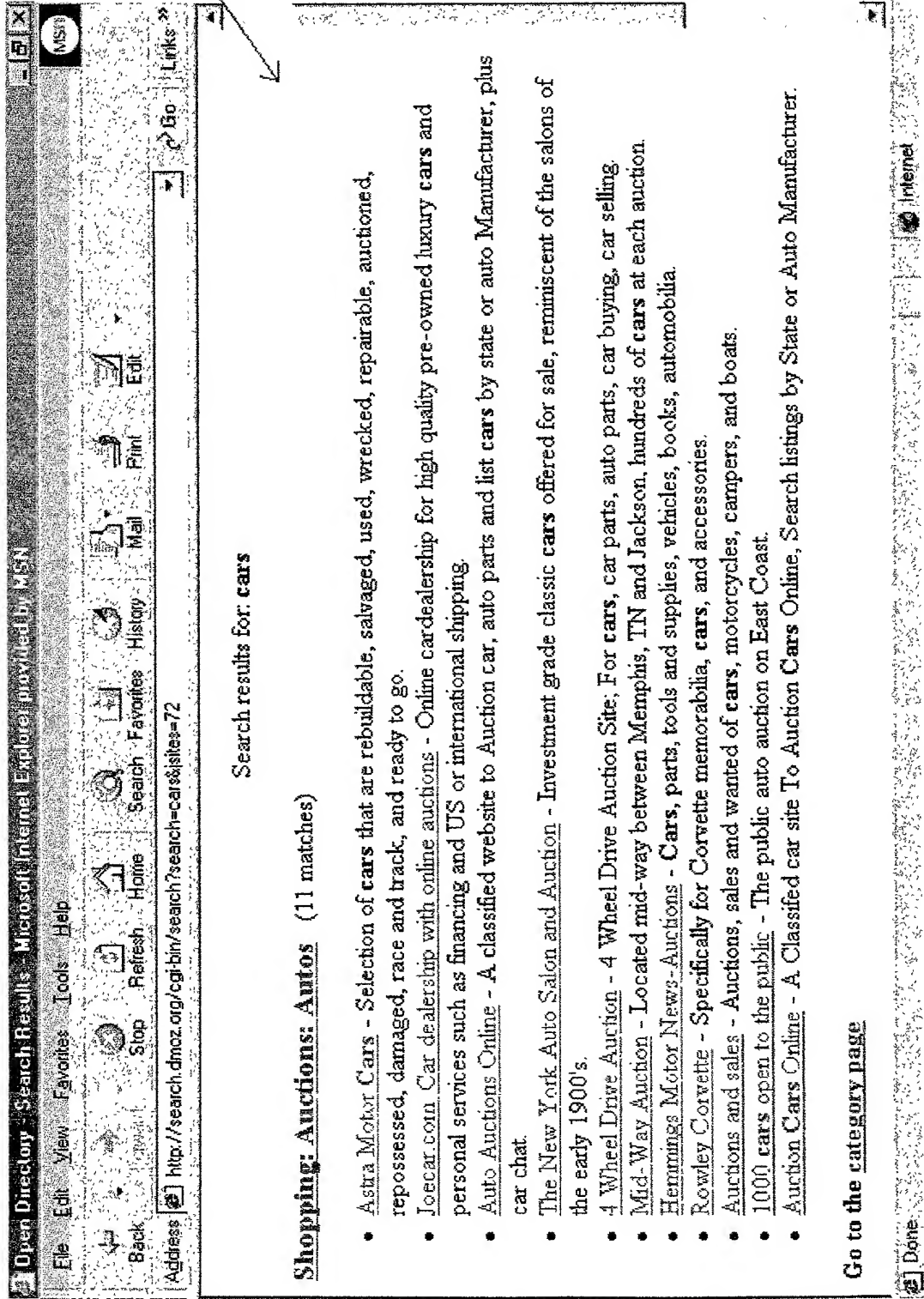


Fig. 7

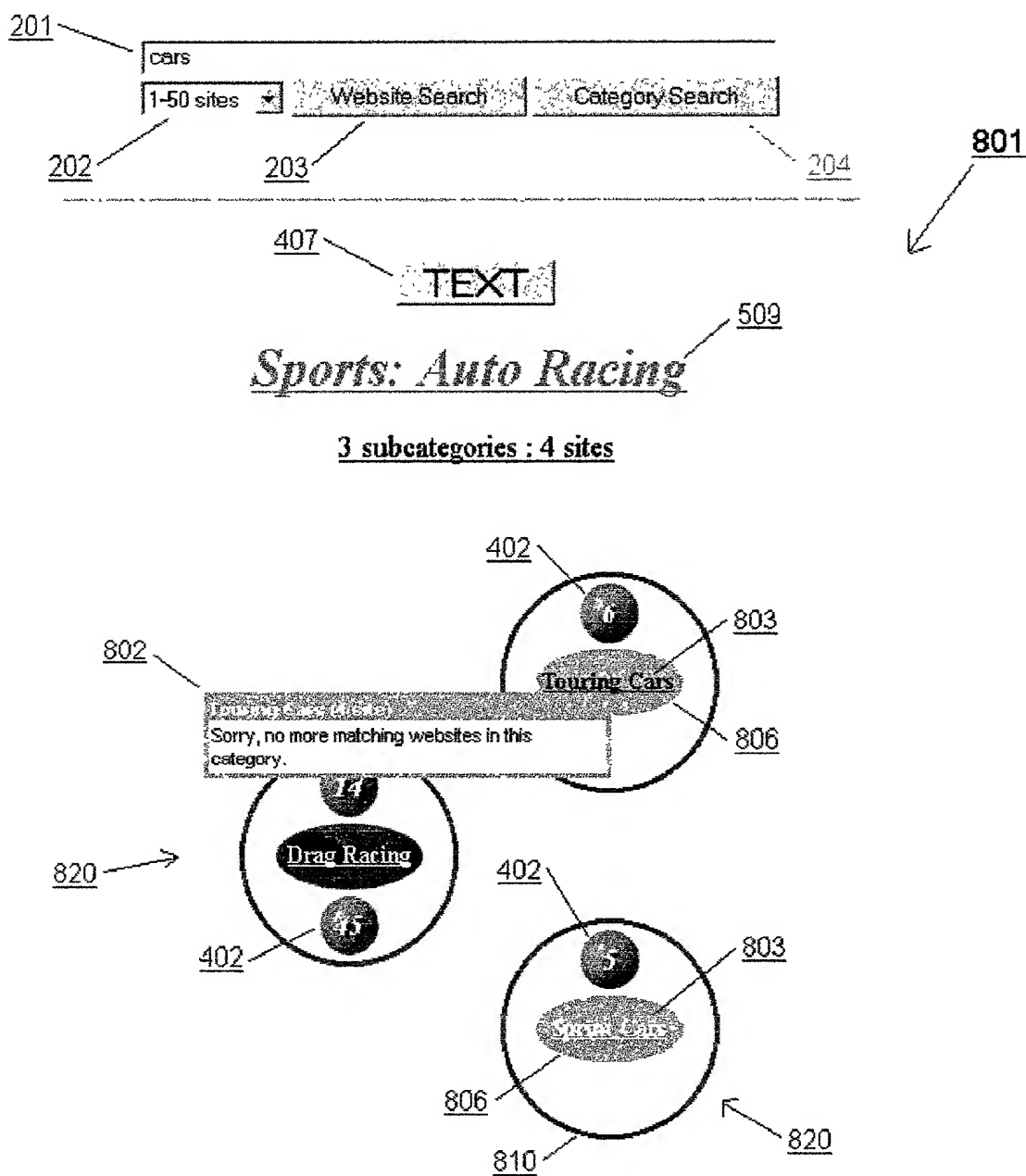


Fig. 8



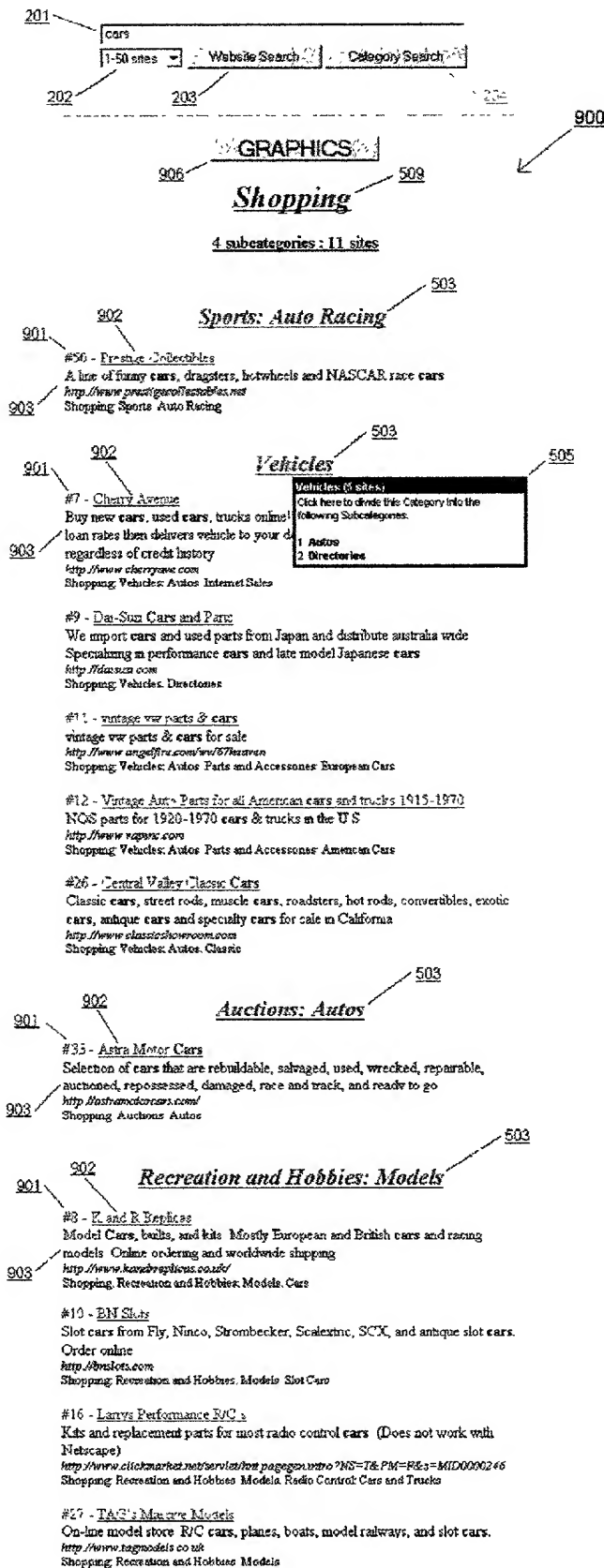
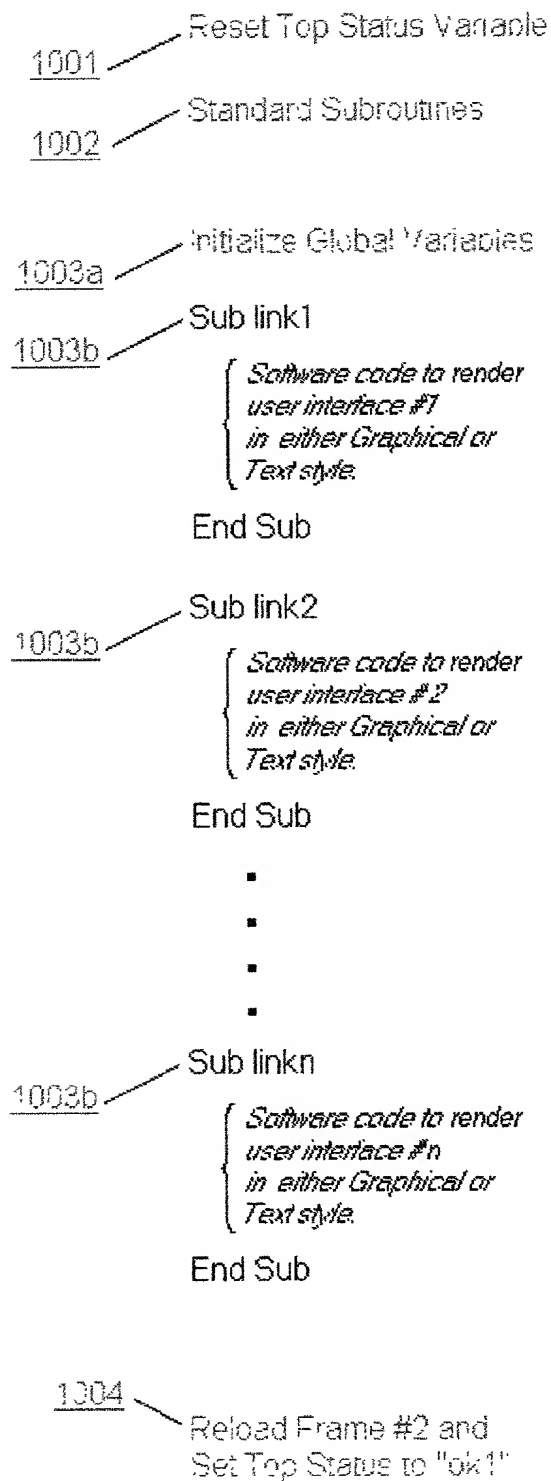


Fig. 9



**Fig. 10**

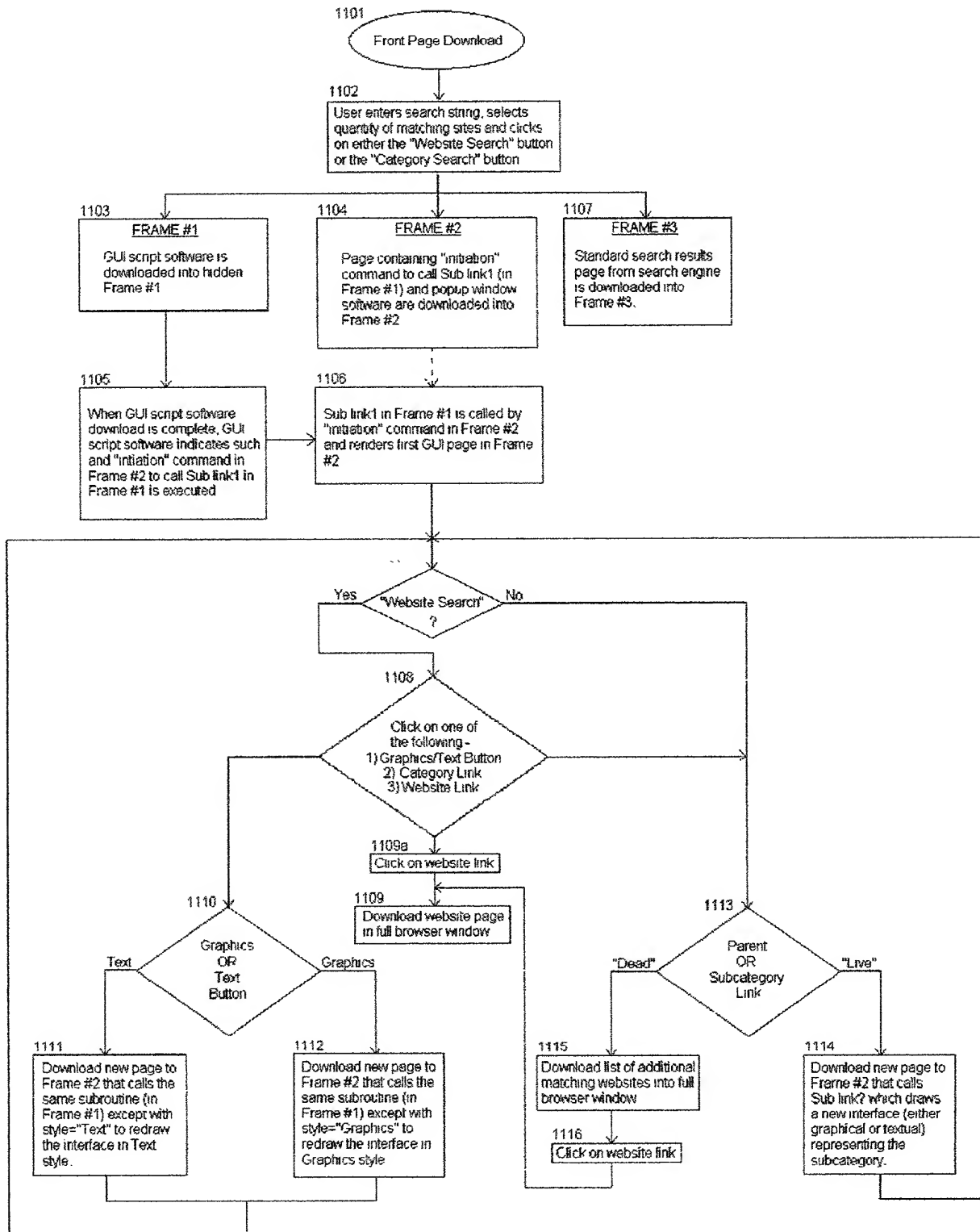


Fig. 11

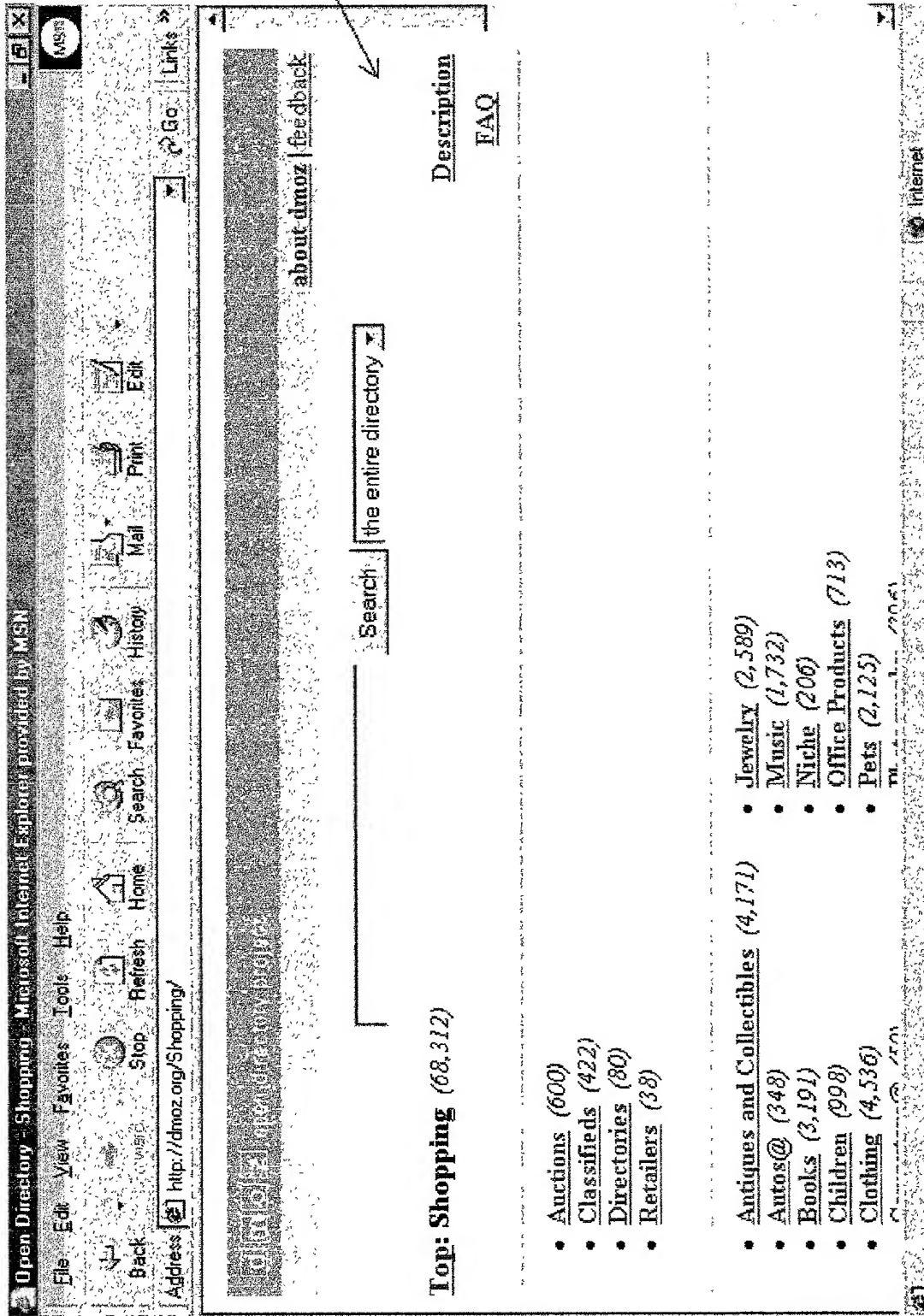


Fig. 12

```

1301      html
1302      head
1303      SCRIPT LANGUAGE="vbscript"
1304      Top Status=""
1305      SCRIPT
1306      SCRIPT LANGUAGE="vbscript" SRC="autos.js" SCRIPT
1307      SCRIPT LANGUAGE="vbscript"
1308      Dim capray(50)
1309      Dim textray(50)
1310      Dim linkray(50)
1311      Dim catray(50)
1312      Dim dotindx(50)
1313      Dim vray(50)
1314      Dim vray(50)
1315      capray(1)="1 - Andy's Cars"
1316      textray(1)="A site with loads and loads of different cars and they all feature statistics, movies, and pictures."
1317      linkray(1)="http://www.homestead.com/andys_cars/andys_Cars.html"
1318      catray(1)="Recreation: Autos"
1319      capray(2)="2 - Schumacher Racing"
1320      textray(2)="Schumacher is world known for there popular touring cars and off-road buggies."
1321      linkray(2)="http://www.racing-cars.com/"
1322      catray(2)="Recreation: Models: RC: RC Cars"
1323      capray(3)="3 - Model Car Gallery International -->(hosted by CARS, Chattanooga Auto Replicas in Scale)"
1324      textray(3)="&nbsp; - CARS is a model car club that was developed to promote the craft of building and detailing model cars and trucks regardless of skill level, age or experience. This web site also features an international model car gallery with hundreds of cars in 30 different categories."
1325      linkray(3)="http://www.carsmodelcargallery.com/"
1326      catray(3)="Recreation: Models: Scale: Cars"
1327      capray(4)="4 - Ronnie Cowan Specialist Cars"
1328      textray(4)="Marcos sports cars and performance cars."
1329      linkray(4)="http://www.specialist-cars.demon.co.uk/"
1330      catray(4)="Regional: Europe: United Kingdom: Business and Economy: Motoring: Dealers"
1331      capray(5)="5 - Sprintcars Racing Down Under Australia"
1332      textray(5)="Dirt Track Racing Down Under in Australia - Sprint Cars & All other sort of racing cars on Dirt Track..."
1333      linkray(5)="http://www.inselfdefense.net/speedwaycity/"
1334      catray(5)="Sports: Auto Racing: Sprint Cars"

```

Fig. 13

```

1401     SCRIPT LANGUAGE="vbscript"
1402     if (Top.frame2.History.Length > 0) then
1403         Top.frame2.Document.hform.Submit
1404     else
1405         if (Top.Status="ok2") then
1406             Top.frame2.Document.hform.Submit
1407         end if
1408     end if
1409     Top.Status="ok1"
1410 'SCRIPT'

```

Fig. 14

```

1501  html
1502  body
1503  DIV ID="overDiv" STYLE="position:absolute; visibility:hide; z-index:101." DIV
1504  SCRIPT LANGUAGE="JavaScript" SRC="overlib.js" SCRIPT
1505  form name="hform" method="GET" action="cgi-bin/sublink.exe"
1506  input type="hidden" name="sub" value="1"
1507  input type="hidden" name="style" value="1"
1508  form
1509  form name="hform1" method="GET" action="cgi-bin/sublink.exe"
1510  input type="hidden" name="sub" value="1"
1511  input type="hidden" name="style" value="0"
1512  form
1513  SCRIPT LANGUAGE="vbscript"
1514  If (Top.Status = "ok1") Then
1515  Call parent.frame1.link1(1)
1516  Else
1517  Top.Status = "ok2"
1518  End If
1519  SCRIPT
1520  body
1521  html

```

**Fig. 15A**

```

1501  html
1502  body
1503  DIV ID="overDiv" STYLE="position:absolute; visibility:hide; z-index:101." DIV
1504  SCRIPT LANGUAGE="JavaScript" SRC="overlib.js" SCRIPT
1505  form name="hform" method="GET" action="cgi-bin/sublink.exe"
1506  input type="hidden" name="sub" value="1"
1507  input type="hidden" name="style" value="0"
1508  form
1509  form name="hform1" method="GET" action="cgi-bin/sublink.exe"
1510  input type="hidden" name="sub" value="1"
1511  input type="hidden" name="style" value="1"
1512  form
1513  SCRIPT LANGUAGE="vbscript"
1514  If (Top.Status = "ok1") Then
1515  Call parent.frame1.link1(0)
1516  Else
1517  Top.Status = "ok2"
1518  End If
1519  SCRIPT
1520  body
1521  /html

```

**Fig. 15B**



cars

1-50 sites

Website Search

Category Search

10 categories : 1735 sites for Category Search on "cars"

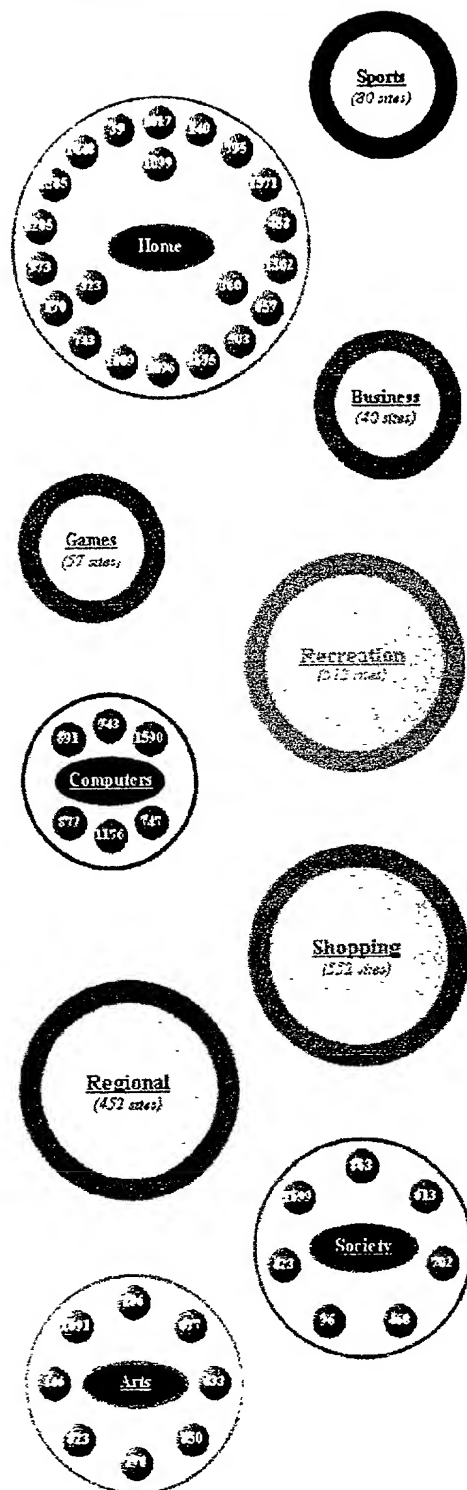


Fig. 16

cars

1-50 sites

Website Search

Category Search

8 subcategories : 552 sites for Category Search on "cars"

## Shopping

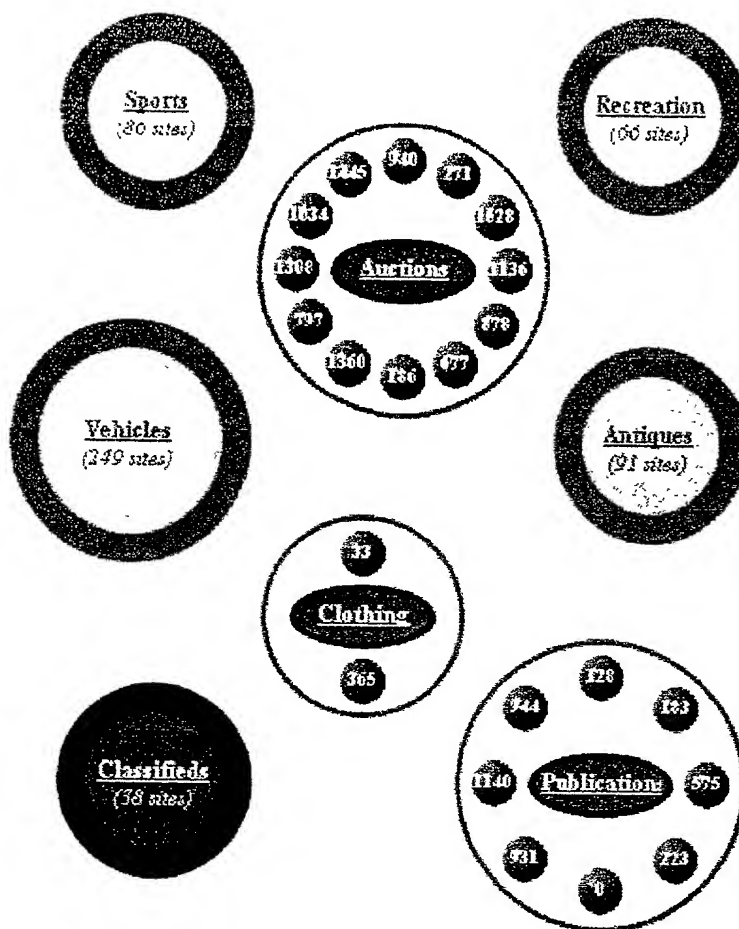


Fig. 17

```

18000 Sub link12(style)
18001 call OutputHeader("cars" "Shopping" "Shopping 1" "0000FF", 11, 4, 50, 0, style)
18002 call OutputRing( 3, 335, 442, 165, style)
18003 call OutputOval( 4, 335, 442, 0, 1, "" "Sports Auto Racing 1" "Sports" "cars", "0000FF", "3", 15, style)
18004 doti(1)=5
18005 xray(1)=0
18006 xray(1)=-32
18007 call OutputDots( 1, 4, 335, 442, 1, "E6FFFF", "0000FF", style)
18008 call OutputRing( 0, 202, 515, 150, style)
18009 call OutputOval( 4, 202, 515, 2, 8, "" br 1 b Autos b br 2 b Directories b " Vehicles" 5, " Vehicles", "cars", "0000FF", "50",
    style)
18010 doti(1)=7
18011 xray(1)=0
18012 xray(1)=-37
18013 doti(2)=9
18014 xray(2)=28
18015 xray(2)=-28
18016 doti(3)=11
18017 xray(3)=18
18018 xray(3)=32
18019 doti(4)=12
18020 xray(4)=18
18021 xray(4)=32
18022 doti(5)=26
18023 xray(5)=-28
18024 xray(5)=28
18025 call OutputDots( 5, 4, 202, 515, 1, "E6FFFF", "0000FF", style)
18026 call OutputRing( 2, 333, 608, 110, style)
18027 call OutputOval( 4, 333, 608, 0, 0, "" "Auctions Autos", 1, "Auctions", "cars", "0000FF", "72", 11, style)
18028 doti(1)=33
18029 xray(1)=0
18030 xray(1)=-32
18031 call OutputDots( 1, 4, 333, 608, 1, "E6FFFF", "0000FF", style)
18032 call OutputRing( 1, 197, 700, 120, style)
18033 call OutputOval( 4, 197, 700, 3, 9, "" br 1 b Cars b br 2 b Slot Cars b br 3 b Radio Control b " Recreation and
    Hobbies Models", 4, "Recreation and Hobbies", "cars", "0000FF", "65", 15, style)
18034 doti(1)=8
18035 xray(1)=18
18036 xray(1)=-32
18037 doti(2)=10
18038 xray(2)=18
18039 xray(2)=-32
18040 doti(3)=16
18041 xray(3)=18
18042 xray(3)=-32
18043 doti(4)=27
18044 xray(4)=18
18045 xray(4)=-32
18046 call OutputDots( 4, 4, 197, 700, 1, "E6FFFF", "0000FF", style)
18047 End Sub

```

Fig 18

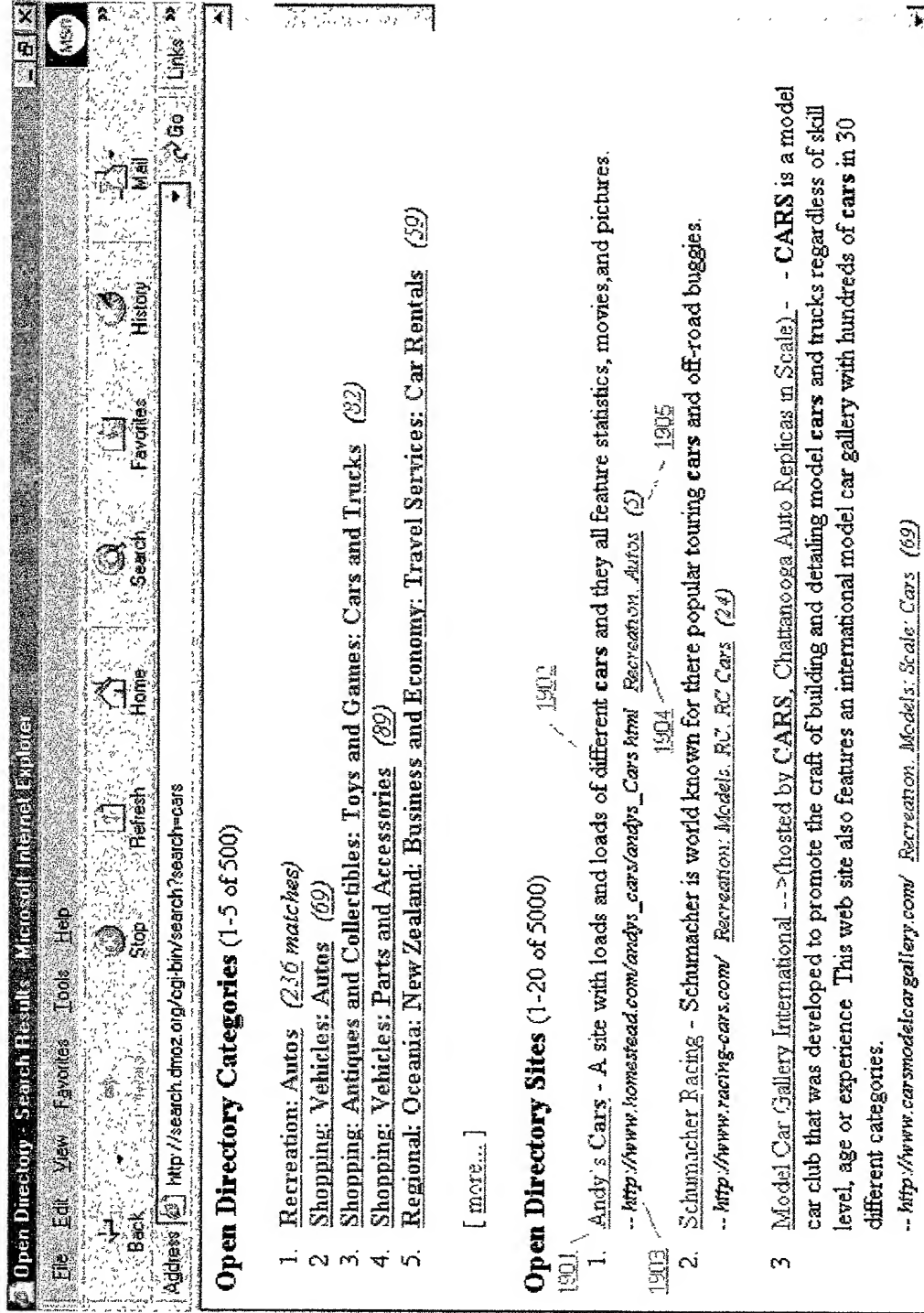


Fig. 19

catray(1) = "Recreation: Autos: Enthusiasts: Slot Cars"  
 catray(2) = "Recreation: Models: Scale: Cars"  
 catray(3) = "Recreation: Models: RC: RC Cars"  
 catray(4) = "Regional: Europe: United Kingdom: England: Suffolk: Ipswich: Business and Economy: Shopping: Cars"  
 catray(5) = "Sports: Auto Racing: Sprint Cars"  
 catray(6) = "Sports: Auto Racing: Touring Cars"  
 catray(7) = "Shopping: Vehicles: Autos: Internet Sales"  
 catray(8) = "Shopping: Recreation and Hobbies: Models: Cars"  
 catray(9) = "Shopping: Vehicles: Directories"  
 catray(10) = "Shopping: Recreation and Hobbies: Models: Slot Cars"  
 catray(11) = "Shopping: Vehicles: Autos, Parts and Accessories: European Cars"  
 catray(12) = "Shopping: Vehicles: Autos, Parts and Accessories: American Cars"  
 catray(13) = "Recreation: Autos: Enthusiasts: Exotic Cars"  
 catray(14) = "Sports: Auto Racing: Drag Racing"  
 catray(15) = "Arts: Music: Bands and Artists: C. Cars, The"  
 catray(16) = "Shopping: Recreation and Hobbies: Models: Radio Control: Cars and Trucks"  
 catray(17) = "Home: Consumer Information: Automobiles: Advocacy and Protection"  
 catray(18) = "Regional: Europe: United Kingdom: England: Bristol: Business and Economy: Shopping: Cars"  
 catray(19) = "Arts: Genres: Automotive: Art Cars"  
 catray(20) = "Regional: Europe: United Kingdom: Recreation and Sports: Sports: Motorsport: Touring Cars"  
 catray(21) = "Regional: Europe: United Kingdom: England: Bedfordshire: Bedford: Business and Economy: Cars"  
 catray(22) = "Regional: Europe: United Kingdom: Business and Economy: Shopping: Vehicles: Parts and Accessories"  
 catray(23) = "Home: Consumer Information: Automobiles: Purchasing: By Class: Sports Cars"  
 catray(24) = "Home: Consumer Information: Automobiles: Purchasing: By Class: Luxury Cars"  
 catray(25) = "Regional: Europe: United Kingdom: England: Suffolk: Ipswich: Business and Economy: Shopping: Cars"  
 catray(26) = "Shopping: Vehicles: Autos: Classic"  
 catray(27) = "Shopping: Recreation and Hobbies: Models: Slot Cars"  
 catray(28) = "Society: Issues: Transportation: Roads, Cars and Trucks: Road Safety"  
 catray(29) = "Recreation: Collecting: Toys: Cars and Trucks"  
 catray(30) = "Regional: Europe: United Kingdom: England: Bristol: Business and Economy: Shopping: Cars"  
 catray(31) = "Regional: Europe: United Kingdom: Recreation and Sports: Sports: Motorsport: Touring Cars"  
 catray(32) = "Regional: Europe: United Kingdom: England: Bedfordshire: Bedford: Business and Economy: Cars"  
 catray(33) = "Shopping: Auctions: Autos"  
 catray(34) = "Regional: Europe: United Kingdom: England: Suffolk: Ipswich: Business and Economy: Shopping: Cars"  
 catray(35) = "Recreation: Autos: Enthusiasts: Muscle Cars"  
 catray(36) = "Business: Industries: Transportation: Auto Transport"  
 catray(37) = "Regional: Europe: United Kingdom: England: Bristol: Business and Economy: Shopping: Cars"  
 catray(38) = "Business: Industries: Transportation: Trucking: Truck Transport: Pilot Car Companies"  
 catray(39) = "Regional: Europe: United Kingdom: England: Suffolk: Ipswich: Business and Economy: Shopping: Cars"  
 catray(40) = "Regional: Europe: United Kingdom: Recreation and Sports: Sports: Motorsport: Touring Cars"  
 catray(41) = "Regional: Europe: United Kingdom: England: Bedfordshire: Bedford: Business and Economy: Cars"  
 catray(42) = "Business: Industries: Transportation: Auto Transport"  
 catray(43) = "Regional: Europe: United Kingdom: Business and Economy: Shopping: Vehicles: Parts and Accessories"  
 catray(44) = "Recreation: Travel: Reservations: Vehicles: Car Rentals: Exotic Cars"  
 catray(45) = "Sports: Auto Racing: Drag Racing"  
 catray(46) = "Regional: Europe: United Kingdom: England: Bristol: Business and Economy: Shopping: Cars"  
 catray(47) = "Society: Issues: Transportation: Roads, Cars and Trucks"  
 catray(48) = "Regional: Europe: United Kingdom: Recreation and Sports: Sports: Motorsport: Touring Cars"  
 catray(49) = "Regional: Europe: United Kingdom: England: Bedfordshire: Bedford: Business and Economy: Cars"  
 catray(50) = "Shopping: Sports: Auto Racing"

Fig. 20

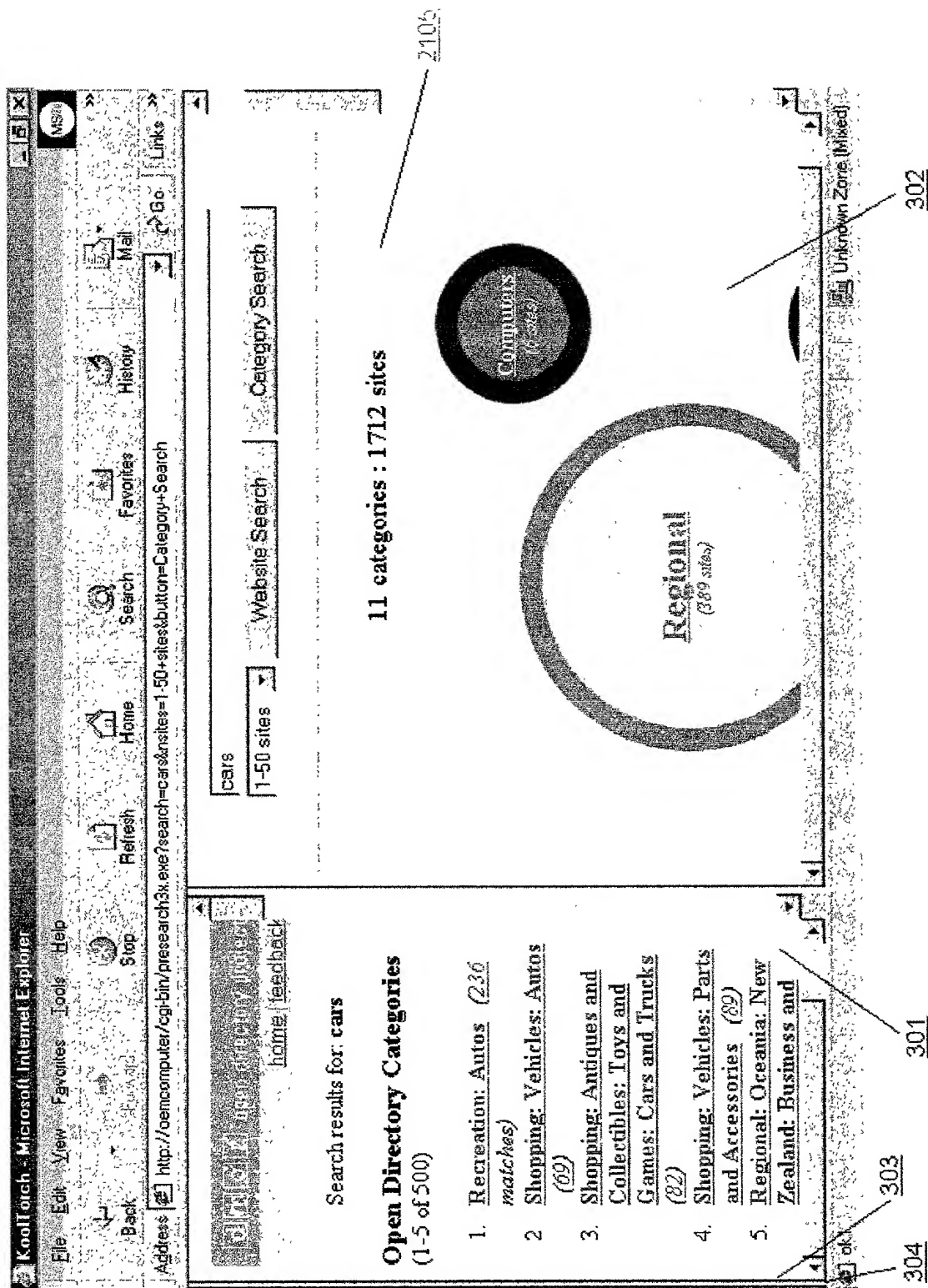


Fig. 21

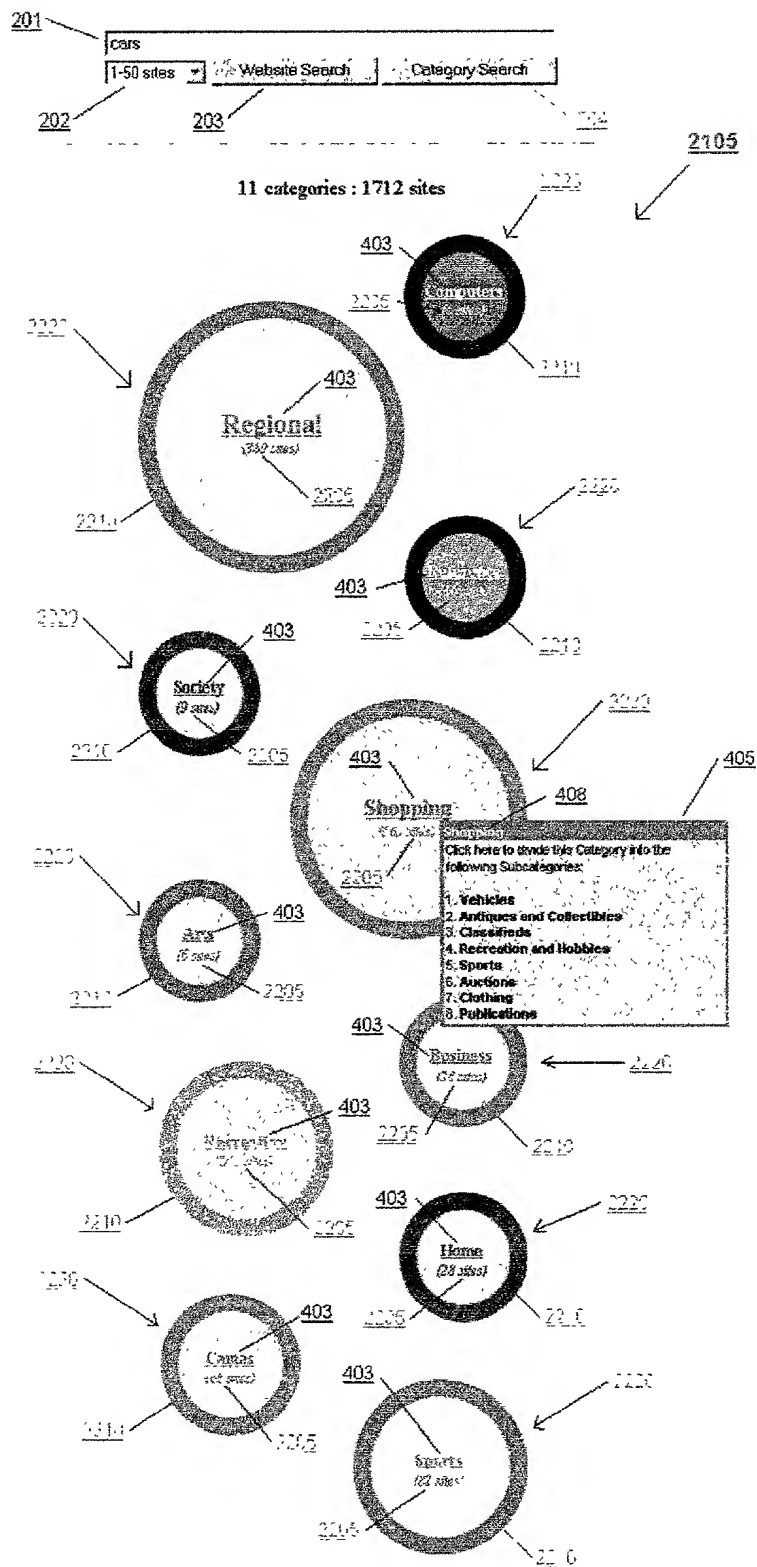


Fig. 22

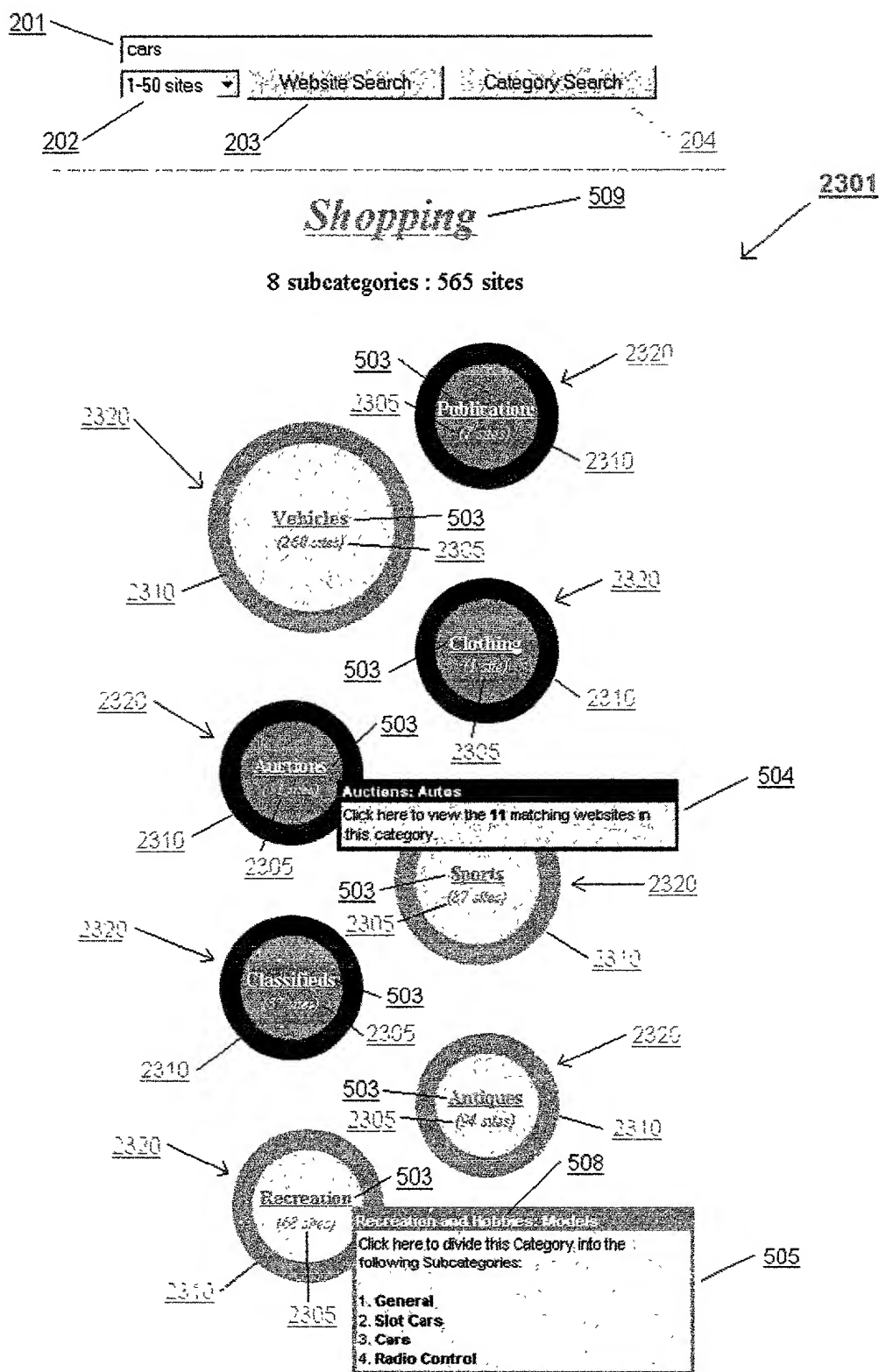


Fig. 23



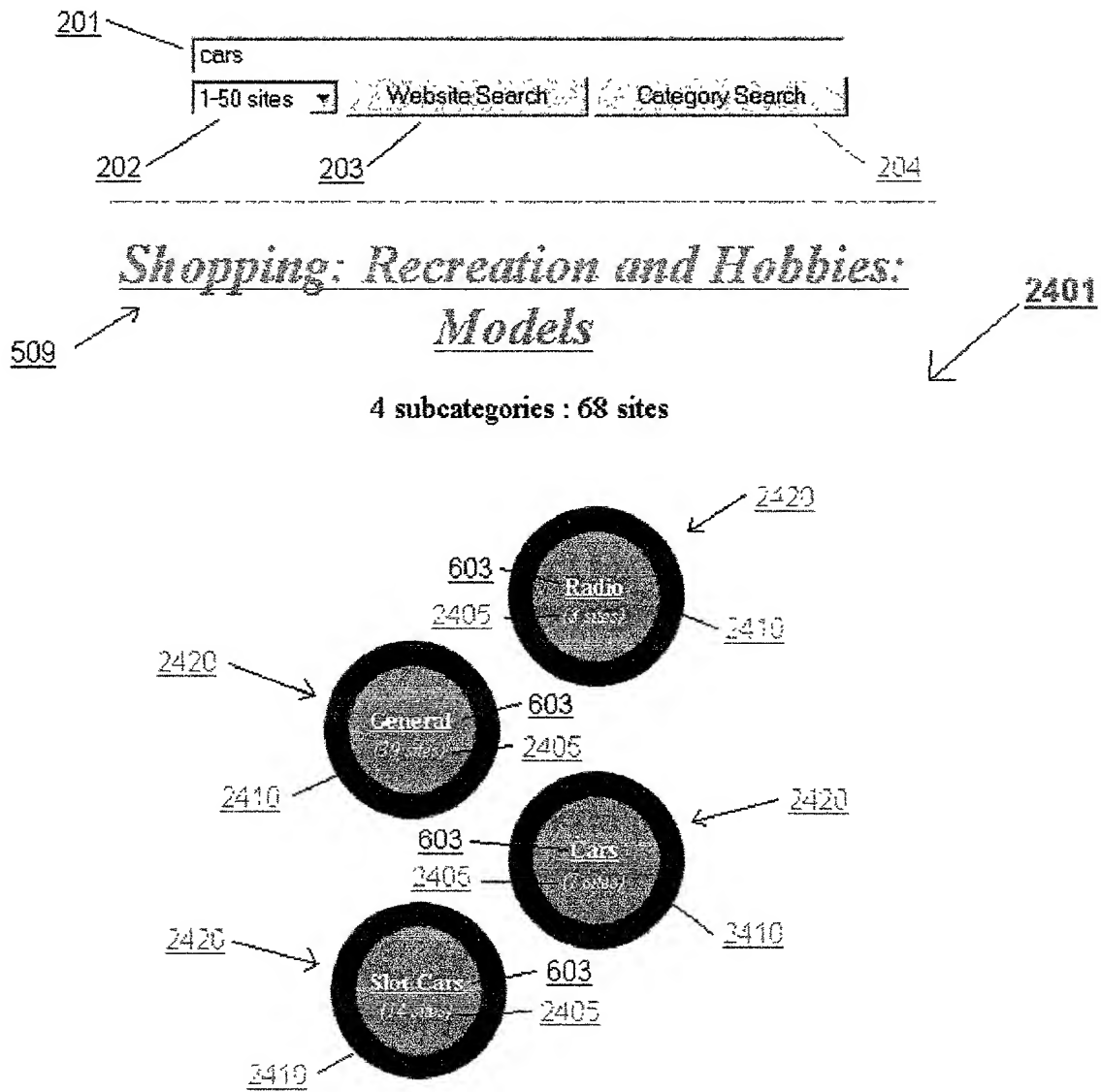


Fig. 24

```

2501   htm
2502   head
2503   SCRIPT LANGUAGE="vbscript"
2504   TopStatus=""
2505   SCRIPT
2506   SCRIPT LANGUAGE="vbscript" SRC="" Issues.vbs' SCRIPT
2507   SCRIPT LANGUAGE="vbscript"
2508   Sub link1style1
2509   call OutputHeader("cars", "", "", 1728, 11, 50, 1, style)
2510   call OutputCircle(10, 367, 332, 0, 9, "", "Computers, Software: Desktop Customization: Wallpaper", "Computers", "cars", "=99FFFF",
"=0000FF", "198", 6, 105)
2511   call OutputCircle(0, 204, 446, 4, 2, " br 1. b Oceania b br 2. b Europe b br 3. b Asia b br 4. b North America
b ", "Regional", "Regional", "cars", "=99FF99", "=009600", "0", 381, 220)
2512   call OutputCircle(9, 367, 560, 0, 0, "", "Reference: Museums, Transportation: Automobiles", "Reference", "cars", "=FFCCCC",
"=DC0000", "65", 16, 105)
2513   call OutputCircle(8, 146, 658, 2, 3, " br 1. b Music b br 2.
b Genres b ", "Arts", "Arts", "cars", "=FFCCFF", "=C80096", "51", 6, 105)
2514   call OutputCircle(1, 317, 765, 8, 4, " br 1. b Vehicles b br 2. b Antiques and Collectibles b br 3. b Classifieds b br 4.
b Recreation and Hobbies b br 5. b Sports b br 6. b Auctions b br 7. b Clothing b br 8. b Publications b ",
"Shopping", "Shopping", "cars", "=FFCC99", "=E16419", "50", 565, 205)
2515   call OutputCircle(7, 149, 869, 2, 5, " br 1. b Issues b br 2. b People b ", "Society", "Society", "cars", "=99FFFF", "=0000FF",
"76", 14, 110)
2516   call OutputCircle(6, 364, 973, 2, 6, " br 1. b Purchasing b br 2. b Advocacy and Protection b ", "Home: Consumer
Information: Automobiles", "Home", "cars", "=99FF99", "=009600", "116", 30, 110)
2517   call OutputCircle(2, 182, 1049, 4, 7, " br 1. b Autos b br 2. b Models b br 3. b Collecting b br 4. b Travel b ",
"Recreation", "Recreation", "cars", "=FFCCCC", "=DC0000", "34", 516, 150)
2518   call OutputCircle(5, 360, 1142, 4, 8, " br 1. b Transportation b br 2. b Import and Export b br 3. b Arts and
Entertainment b br 4. b Manufacturing b ", "Business: Industries", "Business", "cars", "=FFCCFF", "=C80096", "60", 42, 120)
2519   call OutputCircle(4, 166, 1234, 3, 9, " br 1. b Simulations b br 2. b Racing b br 3. b Combat b ", "Games: VideoGames:
Genres: Driving and Racing", "Games", "cars", "=FFCC99", "=E16419", "35", 24, 120)
2520   call OutputCircle(3, 344, 1327, 8, 10, " br 1. b General b br 2. b Legend Cars b br 3. b Touring Cars b br 4. b
Stock Cars b br 5. b Drag Racing b br 6. b Sprint Cars b br 7. b Driving Schools b br 8. b Vintage b ",
"Sports, Motorsports: Auto Racing", "Sports", "cars", "=99FFFF", "=0000FF", "245", 53, 150)
2521   End Sub

```

Fig. 25

```

26000 Sub link4(style)
26001 call OutputHeader "cars", "Shopping", "Shopping ", "=009600", 565, 8, 50, 1, style)
26002 call OutputCircle( 6, 333, 392, 0, 0, "", "Publications: Books, Vehicles: Autos", "Publications", "cars", "=99FF99", "=009600", "108", 7,
195)
26003 call OutputCircle( 0, 205, 471, 3, 14, " br 1. b Autos b br 2. b Parts and Accessories b br 3. b Directories b ",
"Vehicles", "Vehicles", "cars", "=99FF99", "=009600", "50", 260, 150)
26004 call OutputCircle( 7, 333, 560, 0, 0, "", "Clothing: Casual: T-Shirts Cars", "Clothing", "cars", "=99FF99", "=009600", "93", 1, 105)
26005 call OutputCircle( 5, 190, 648, 0, 0, "", "Auctions: Autos", "Auctions", "cars", "=99FF99", "=009600", "72", 11, 105)
26006 call OutputCircle( 2, 326, 726, 2, 15, " br 1. b Auto Racing b br 2. b Golf b ", "Sports", "Sports", "cars", "=99FF99",
"=009600", "19", 87, 120)
26007 call OutputCircle( 4, 190, 803, 0, 0, "", "Classifieds", "Classifieds", "cars", "=99FF99", "=009600", "109", 37, 105)
26008 call OutputCircle( 1, 333, 888, 2, 16, " br 1. b General b br 2. b Pedal Cars b ", "Antiques and Collectibles: Toys and Games:
Cars and Trucks", "Antiques and Collectibles", "cars", "=99FF99", "=009600", "45", 94, 105)
26009 call OutputCircle( 3, 202, 961, 4, 17, " br 1. b General b br 2. b Slot Cars b br 3. b Cars b br 4. b Radio Control
b ", "Recreation and Hobbies: Models", "Recreation and Hobbies", "cars", "=99FF99", "=009600", "29", 68, 110)
26010 End Sub

```

Fig 26

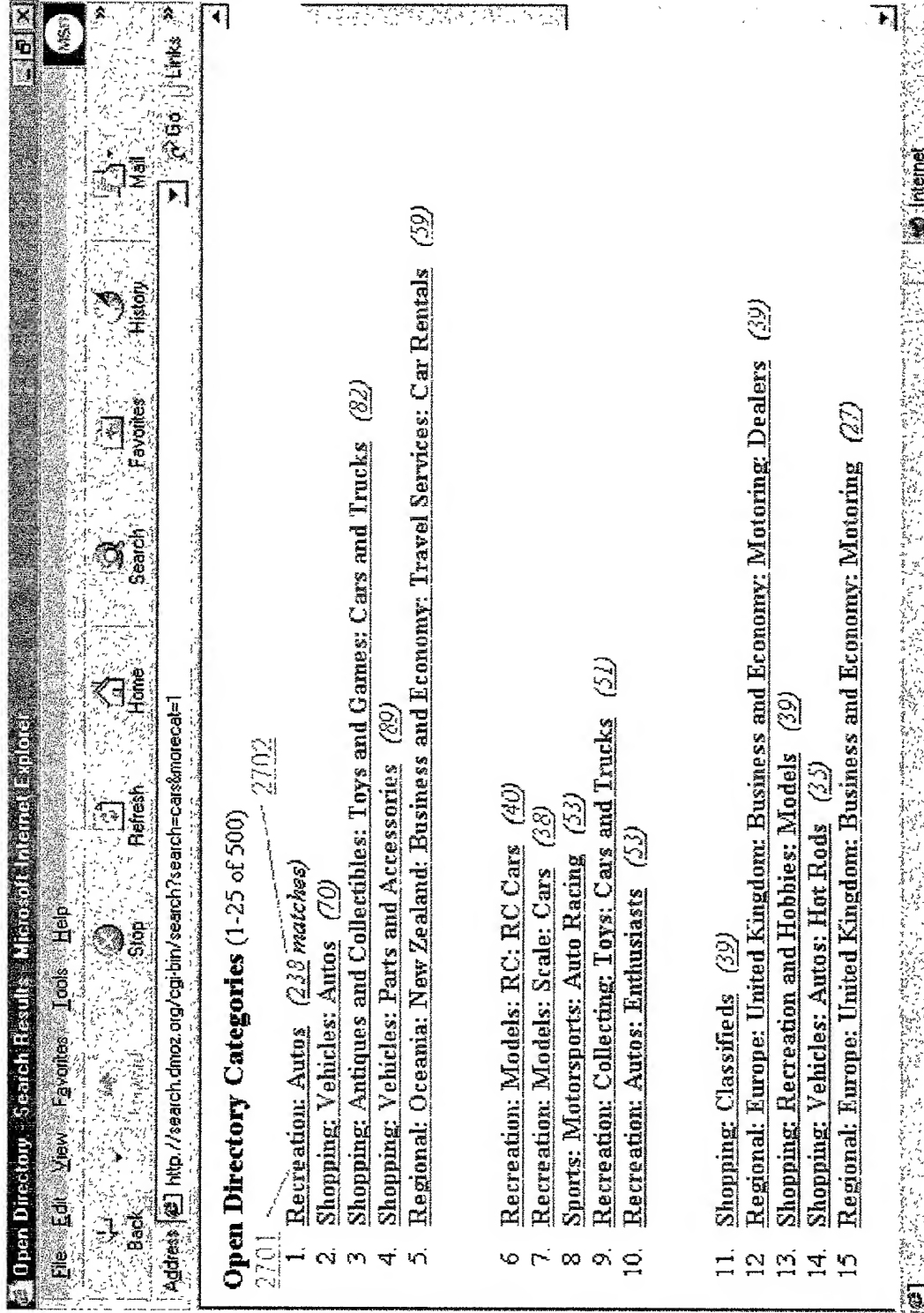


Fig. 27

catray(1) = "Recreation: Autos"  
 catray(2) = "Shopping: Vehicles: Autos"  
 catray(3) = "Shopping: Antiques and Collectibles: Toys and Games: Cars and Trucks"  
 catray(4) = "Shopping: Vehicles: Parts and Accessories"  
 catray(5) = "Regional: Oceania: New Zealand: Business and Economy: Travel Services: Car Rentals"  
 catray(6) = "Recreation: Models: RC: RC Cars"  
 catray(7) = "Recreation: Models: Scale: Cars"  
 catray(8) = "Sports: Motorsports: Auto Racing"  
 catray(9) = "Recreation: Collecting: Toys: Cars and Trucks"  
 catray(10) = "Recreation: Autos: Enthusiasts"  
 catray(11) = "Shopping: Classifieds"  
 catray(12) = "Regional: Europe: United Kingdom: Business and Economy: Motoring: Dealers"  
 catray(13) = "Shopping: Recreation and Hobbies: Models"  
 catray(14) = "Shopping: Vehicles: Autos: Hot Rods"  
 catray(15) = "Regional: Europe: United Kingdom: Business and Economy: Motoring"  
 catray(16) = "Recreation: Autos: Enthusiasts: Muscle Cars"  
 catray(17) = "Recreation: Autos: Enthusiasts: Kit Cars"  
 catray(18) = "Regional: Europe: United Kingdom: Business and Economy: Travel Services: Car Rentals"  
 catray(19) = "Games: Video Games: Genres: Driving and Racing: Simulations: Need for Speed Series"  
 catray(20) = "Shopping: Vehicles: Parts and Accessories: European Cars"  
 catray(21) = "Shopping: Recreation and Hobbies: Models: Slot Cars"  
 catray(22) = "Shopping: Sports: Auto Racing: Builders: Car and Chassis"  
 catray(23) = "Regional: Europe: United Kingdom: Business and Economy: Motoring: Buyers Guides"  
 catray(24) = "Shopping: Sports: Auto Racing: Fan Merchandise"  
 catray(25) = "Games: Video Games: Genres: Driving and Racing: Racing: Carnageddon Series"  
 catray(26) = "Recreation: Autos: News and Magazines"  
 catray(27) = "Shopping: Antiques and Collectibles: Toys and Games: Cars and Trucks: Pedal Cars"  
 catray(28) = "Shopping: Vehicles: Parts and Accessories: Performance"  
 catray(29) = "Recreation: Autos: Clubs"  
 catray(30) = "Shopping: Sports: Auto Racing: Parts and Accessories"  
 catray(31) = "Shopping: Sports: Golf: Carts"  
 catray(32) = "Regional: Asia: Japan: Business and Economy: Automotive"  
 catray(33) = "Shopping: Recreation and Hobbies: Models: Cars"  
 catray(34) = "Shopping: Recreation and Hobbies: Models: Radio Control: Cars and Trucks"  
 catray(35) = "Shopping: Vehicles: Autos: Customized"  
 catray(36) = "Recreation: Collecting: Toys: Cars and Trucks: Diecast Toys"  
 catray(37) = "Shopping: Vehicles: Parts and Accessories: Japanese Cars"  
 catray(38) = "Home: Consumer Information: Automobiles: Purchasing"  
 catray(39) = "Shopping: Vehicles: Directories"  
 catray(40) = "Shopping: Sports: Auto Racing: Classifieds"  
 catray(41) = "Arts: Music: Bands and Artists: C: Cars: The"  
 catray(42) = "Recreation: Models"  
 catray(43) = "Regional: North America: United States: Texas: Localities: S: San Antonio: Business and Economy: Shopping: Autos"  
 catray(44) = "Regional: North America: United States: Oklahoma: Localities: T: Tulsa: Business and Economy: Shopping: Autos"  
 catray(45) = "Sports: Motorsports: Auto Racing: Legend Cars"  
 catray(46) = "Sports: Motorsports: Auto Racing: Touring Cars"  
 catray(47) = "Sports: Motorsports: Auto Racing: Stock Cars"  
 catray(48) = "Business Industries: Transportation: Auto Transport"  
 catray(49) = "Sports: Motorsports: Auto Racing: Drag Racing: Personal"  
 catray(50) = "Home: Consumer Information: Automobiles: Purchasing: Bx Class: Sports Cars"

Fig. 28

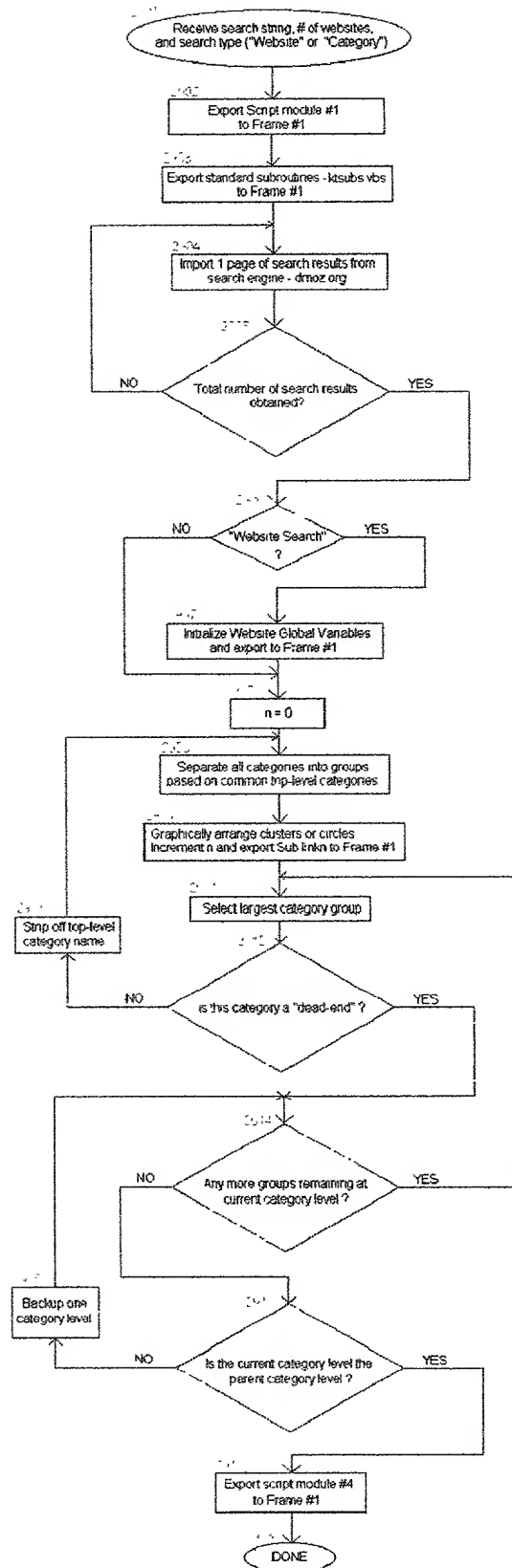


Fig. 29

```

<xml>
  <element>
    <attribute1>Category Path of data element #1</attribute1>
    <attribute2>URL to access data element #1</attribute2>
    <attribute3>Description of data element #1</attribute3>
  </element>
  <element>
    <attribute1>Category Path of data element #2</attribute1>
    <attribute2>URL to access data element #2</attribute2>
    <attribute3>Description of data element #2</attribute3>
  </element>
  <element>
    <attribute1>Category Path of data element #3</attribute1>
    <attribute2>URL to access data element #3</attribute2>
    <attribute3>Description of data element #3</attribute3>
  </element>

  *
  *
  *
  *
  *
  *
  *
  *
  *
  *
  *
  *
  *

  <element>
    <attribute1>Category Path of data element #n</attribute1>
    <attribute2>URL to access data element #n</attribute2>
    <attribute3>Description of data element #n</attribute3>
  </element>
</xml>

```

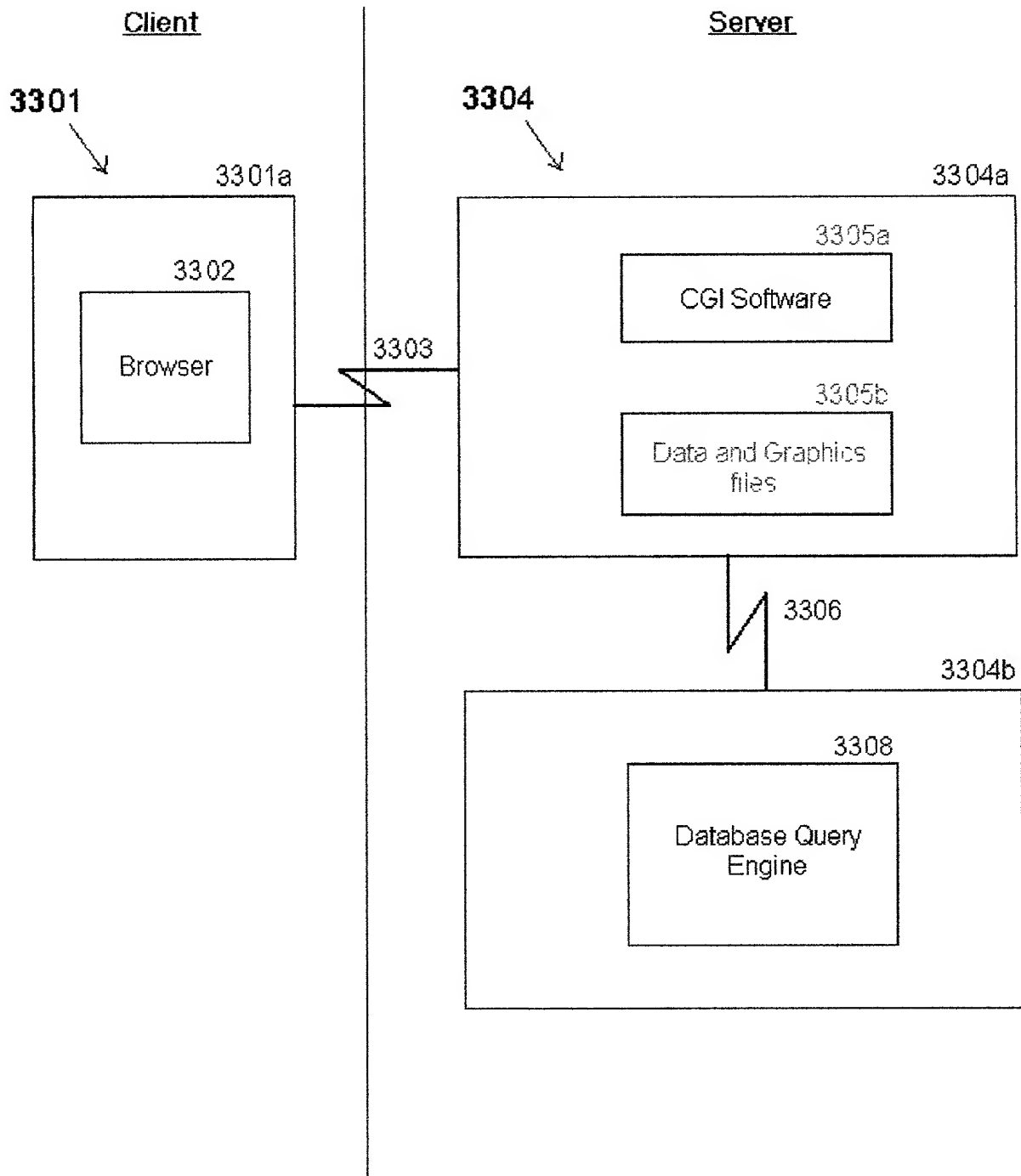
Fig. 30







FIG. 33 is a block diagram of a client-server system. The system includes a Client (3301) and a Server (3304). The Client (3301) contains a Browser (3302). The Server (3304) contains CGI Software (3305a) and Data and Graphics files (3305b). The Server (3304) also contains a Database Query Engine (3308). The Client (3301) is connected to the Server (3304) via a network (3303). The Server (3304) is connected to the Database Query Engine (3308) via a connection (3306).



**Fig. 33**



Fig. 34